



**Winston H. Hickox**  
*Secretary for  
Environmental  
Protection*

# Air Resources Board

**Barbara Riordan, Chairman**

2020 L Street • P.O. Box 2815 • Sacramento, California 95812 • [www.arb.ca.gov](http://www.arb.ca.gov)



**Gray Davis**  
*Governor*

February 17, 1999

Rick Bisker  
Mechanical Engineering Supervisor  
Wayne Division, Dresser Equipment Group  
P.O. Box 1859  
Salisbury, MD 21802-1859

#99-01

Dear Mr. Bisker:

Wayne Dresser "2" & "3" Vista Series Balance  
and 1/V590 and 1/V591 Balance Dispensers

This is in response to your request for California Air Resources Board (CARB) approval of the Wayne Dresser "2" & "3" Vista series and the 1/V590 & 1/V591 series balance dispensers. The "2" in the prefix means that the dispenser has a new hydraulic layout for the meters, strainers, valves etc. The "3" prefix means that the dispenser incorporates the same hydraulic layout as in the "2" series plus a new electronic computer. The 1/V590 and the 1/V591 series dispensers refer to the original "1" prefix series dispensers.

As required by the Certification Procedures for Gasoline Vapor Recovery Systems at Service Stations, the approvals of the three State agencies are a precondition to certification by the Air Resources Board. The appropriate letters of approval have been received and are listed as follows:

Department of Food and Agriculture,  
Division of Measurement Standards  
January 21, 1999

Department of Occupational Safety and Health  
November 18, 1998

Department of Forestry and Fire Protection  
Office of the State Fire Marshal  
December 4, 1998 for balance dispensers

For balanced systems, the April 12, 1996, Certification and Test Procedures allow a maximum dynamic pressure drop of 0.16 inches water column (w.c.) at 40 cubic feet per hour (cfh), 0.35 inches w.c. at 60 cfh and 0.62 inches w.c. at 80 cfh. Variations of hanging hardware components can affect system dynamic pressures, and should be verified at system start-up.

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California Environmental Protection Agency

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I find that the use of the Wayne Dresser "2" & "3" prefixed Vista series balance vapor recovery dispensers and the 1/V590, 1/V591 balance vapor recovery dispensers, when installed in accordance with the manufacture's instructions, will not adversely affect the performance of vapor recovery systems on which they are installed. Therefore, the Wayne Dresser "2" & "3" prefixed Vista series balance vapor recovery dispensers and the 1/V590 and 1/V591 balance vapor recovery dispensers are certified for use with balance-type Phase II vapor recovery systems.

If you have any questions or wish to discuss this matter further, please call Paul Thalken at (916) 445-0383 or Laura McKinney at (916) 327-1525.

Sincerely,

**INTERNET VERSION**

James J. Morgester, Chief  
Compliance Division

cc:

Mr. Jim Johnston, Chairman,  
CAPCOA Vapor Recovery Committee  
Monterey Bay Unified APCD  
24580 Silver Cloud CT.  
Monterey, CA 93940-6536